

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11886	(embed\$4 insert\$4 enclos\$4 bury\$4 implant\$3 submerg\$4 engrav\$4etch\$3 deposit\$4 entrench\$3 inject\$4 imbed\$4 impress\$3) near (signal watermark mark pattern design) with (document check paper book software picture graphic image signal near (audio video) texture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 10:34
L2	2	L1 and (dot adj gain (dot adj size) (dot adj gradient) (dot adj shape) dot near (gr\$1y\$1scale) (dot near (luminance brightness))) same (detect\$3 identif\$4 discriminat\$4 distinguish\$4) near (copy original)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:39
L3	116	L1 and (dot adj gain (dot adj size) (dot adj gradient) (dot adj shape) dot near (gr\$1y\$1scale) (dot near (luminance brightness)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:54
L9	24	(dot adj gain (dot adj size) (dot adj gradient) (dot adj shape) dot near (gr\$1y\$1scale) dot near (small\$2 larg\$2)) same (dot near (luminance brightness))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 11:08
L10	505	(dot adj gain (dot adj size) (dot adj gradient) (dot adj shape) dot near (gr\$1y\$1scale) dot near (small\$2 larg\$2)) same (luminance brightness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 11:12
L11	117	10 and (embedded\$3 watermark implant\$3 insert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 11:17
L12	6	10 and (col\$2r gamut ink) near different and frequency adj domain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 13:14
L15	38	11 and (frequency frequency adj domain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 11:25

## EAST Search History

L18	1109	1 and (col\$2r with (luminance brightness))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 11:58
L27	48	3 and (luminance brightness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 13:15
L28	43	27 and (watermark embed\$4 encod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 13:15
L29	26	28 not digimar\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 13:16
S1	5	(6754377 6449377 6744906 6636 615 6721440).pn.	USPAT	OR	ON	2007/05/31 11:58
S2	1	("6332031").pn.	USPAT	OR	ON	2007/05/31 11:58
S3	631	(Rodriguez-Tony-F\$ Reed-Alastair-M\$ Sharma-Ravi-K\$ Alattar-Osam a-M\$ Hannigan-Brett-T\$ Levy-Ken neth-L Brunk-Hugh-L\$ Rhoads-Ge offrey-B\$ Gustafson-Ammon-E\$). in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 12:05
S4	567	S3 and embed\$5 and watermark\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 12:06
S5	192	S4 and (cop\$4 near original)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 12:07
S6	33	S5 and counterfeit	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:59
S8	1600	(digital adj watermark) same (arry martix matrices element structure print\$3 decod\$4 encod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:21

## EAST Search History

S9	672	(embed\$4 encrypt\$5) same (detect\$4 decod\$4 analyz\$3) with (copy original document check image siignal) near (audio video software graphic texture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 17:00
S10	11886	(embed\$4 insert\$4 enclos\$4 bury\$4 implant\$3 submerg\$4 engrav\$4etch\$3 deposit\$4 entrench\$3 inject\$4 imbed\$4 impress\$3) near (signal watermark mark pattern design) with (document check paper book software picture graphic image signal near (audio video) texture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:38
S11	637	(358/3. 28 283/113 380/28 380/29 713/1 76 162/110 162/309 713/190 713 /191).ccls. and (embed\$4 insert\$4 enclos\$4 bury\$4 implant\$3 submerg\$4 engrav\$4etch\$3 deposit\$4 entrench\$3 inject\$4 imbed\$4 impress\$3) near (signal watermark mark pattern design) with (document check paper book software picture graphic image signal near (audio video) texture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:45
S12	368	S11 and ((different near col\$2r\$1) (frequency adj domain) (type\$1 near ink) screen (dot adj gain) (dot adj structure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:51
S13	225	S12 and (machine computer print\$2 scann\$2) near (read\$3 readable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:53
S14	68	S13 and (detect\$3 analyz\$3 distinguish\$3 discriminat\$4 identif\$4 recogniz\$4 discern\$3) near (copy original)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:56

## EAST Search History

S15	39	S14 and (luminance brightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:24
S16	133	S13 not digimarc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:24
S17	14	S16 and (color with frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:40
S18	132	S13 not digimar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:40
S20	1	S18 and (dot near gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:43
S21	1	S13 and (determin\$3 analyz\$3 distinguis\$3 discriminat\$3) near (copy near original)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 16:43
S22	3	S8 and (determin\$3 analyz\$3 distinguis\$3 discriminat\$3) near (copy near original) not digimar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 16:47
S23	284	(determin\$3 analyz\$3 distinguis\$3 discriminat\$3) near copy with original	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 16:56

## EAST Search History

S24	2	S23 and (col\$2r ink screen brightness luminance (frequency adj domain) (dot adj size) (dot adj gain) (dot adj density)) near different and (watermark (digital adj watermark)) not digimar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 17:02
S26	2246	(embedd\$4 encrypt\$5) same (detect\$4 decod\$4 analyz\$3) with (copy original document check image signal) near (audio video software graphic texture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 17:00
S27	14	S26 and (col\$2r ink screen brightness luminance (frequency adj domain) (dot adj size) (dot adj gain) (dot adj density)) near different and (watermark (digital adj watermark)) not digimar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 17:16
S28	0	S27 and (determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 18:00
S29	9	S26 and (determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 18:06
S30	2	(determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy same (copying print\$3) same (col\$2r screen ink frequency adj domain graphic\$3 symbol pattern glyph design) near different and (watermark digital adj watermark embedd\$4 insert\$4 encod\$4 compress\$4 implant\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 18:14
S31	0	(determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy same (copying print\$3) with (embed\$4 insert\$4 enclos\$4 bury\$4 implant\$3 submerg\$4 engrav\$4etch\$3 deposit\$4 entrench\$3 inject\$4 imbed\$4 impress\$3) near (signal watermark mark pattern design)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 18:17

## EAST Search History

S32	0	(determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy with (embed\$4 insert\$4 enclos\$4 bury\$4 implant\$3 submerg\$4 engrav\$4etch\$3 deposit\$4 entrench\$3 inject\$4 imbed\$4 impress\$3) near (signal watermark mark pattern design)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 18:18
S33	17	S10 and (determin\$4 analyz\$3 discriminat\$4 distinguish\$4) near original with copy same (copying print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:28